

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WE2XIQ

(Call Sign)

0145-EX-CM-2018

(File Number)

NAME Lockheed Martin Corporation

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(j) of the Commission's Rules

Station Locations

- (1) MOBILE: Temporary Fixed Operations, within 1 km, centered around NL 43-06-43; WL 76-11-18
- (2) MOBILE: Temporary Fixed Operations, within 1 km, centered around NL 43-05-23; WL 76-05-53
- (3) MOBILE: Temporary Fixed Operations, within 1 km, centered around NL 42-55-37; WL 75-55-27
- (4) MOBILE: Temporary Fixed Operations, within 5 km, centered around NL 43-13-52; WL 75-24-12
- (5) MOBILE: Temporary Fixed Operations, within 5 km, centered around NL 43-06-42; WL 76-06-55
- (6) MOBILE: Temporary Fixed Operations, within 10 km, centered around NL 44-03-33; WL 75-43-06
- (7) MOBILE: Temporary Fixed Operations, within 5 km, centered around NL 42-06-13; WL 76-13-14

Frequency Information

MOBILE: Temporary Fixed Operations, within 1 km, centered around NL 43-06-43; WL 76-11-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3100-3500 MHz	MO	NON	4 W (ERP)	

This authorization effective August 20, 2018 and
will expire 3:00 A.M. EST July 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Temporary Fixed Operations, within 1 km, centered around NL 43-06-43; WL 76-11-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3100-3500 MHz	MO	400MW0N	4 kW (ERP)	
3100-3500 MHz	MO	10M0Q3N	275.6 MW (ERP)	

MOBILE: Temporary Fixed Operations, within 1 km, centered around NL 43-05-23; WL 76-05-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3100-3500 MHz	MO	N0N	4 W (ERP)	
3100-3500 MHz	MO	10M0Q3N	275.6 MW (ERP)	
3300 MHz	MO	400MW0N	4 kW (ERP)	

MOBILE: Temporary Fixed Operations, within 1 km, centered around NL 42-55-37; WL 75-55-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3100-3500 MHz	MO	N0N	4 W (ERP)	
3100-3500 MHz	MO	10M0Q3N	275.6 MW (ERP)	

Frequency Information

MOBILE: Temporary Fixed Operations, within 1 km, centered around NL 42-55-37; WL 75-55-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3300 MHz	MO	400MW0N	4 kW (ERP)	

MOBILE: Temporary Fixed Operations, within 5 km, centered around NL 43-13-52; WL 75-24-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3100-3500 MHz	MO	N0N	4 W (ERP)	
3100-3500 MHz	MO	400MW0N	4 kW (ERP)	
3100-3500 MHz	MO	10M0Q3N	275.6 MW (ERP)	

MOBILE: Temporary Fixed Operations, within 5 km, centered around NL 43-06-42; WL 76-06-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3100-3500 MHz	MO	N0N	4 W (ERP)	
3100-3500 MHz	MO	400MW0N	4 kW (ERP)	
3100-3500 MHz	MO	10M0Q3N	275.6 MW (ERP)	

Frequency Information

MOBILE: Temporary Fixed Operations, within 10 km, centered around NL 44-03-33; WL 75-43-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3100-3500 MHz	MO	N0N	4 W (ERP)	
3100-3500 MHz	MO	400MW0N	4 kW (ERP)	
3100-3500 MHz	MO	10M0Q3N	275.6 MW (ERP)	

MOBILE: Temporary Fixed Operations, within 5 km, centered around NL 42-06-13; WL 76-13-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3100-3500 MHz	MO	N0N	4 W (ERP)	
3100-3500 MHz	MO	400MW0N	4 kW (ERP)	
3100-3500 MHz	MO	10M0Q3N	275.6 MW (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.